


**Relative pressure sensor**

**Patent number:** EP0974825  
**Publication date:** 2000-01-26  
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**Classification:**  
- **International:** G01L19/06; G01L19/14; G01L13/02; G01L9/00  
- **European:** G01L9/00D2F2; G01L13/02C; G01L19/06; G01L19/14  
**Application number:** EP19990113688 19990715  
**Priority number(s):** EP19980113587 19980721; EP19990113688 19990715

**Also published as:** EP0974825 (A)**Cited documents:** WO9634264  
 DE4244460  
 US5747694**Report a data error here****Abstract of EP0974825**

The sensor (1) has a capacitive, resistive or piezoelectric sensor element (2) with a membrane (21) with an outer surface (211) in contact with a pressurized medium to be measured. A housing (7) incorporates a chamber (71) with an open front portion (72) closed by the membrane, and a bore (721) for a reference fluid. The housing is closed by a porous hydrophobic filter (8) having good thermal conductivity to maintain thermal equilibrium with the membrane. The filter is made of a sinter metal of special steel, bronze, or a metal sponge made of Titanium or Zirconium.

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